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PATENT & TRADEMARK OFFICE
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PATENT

Case Docket No. AUROBIO.026DV1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Maher et al.
Appl. No.	:	09/804,480
Filed	:	March 12, 2001
For	:	ION CHANNEL ASSAY METHODS
Examiner	:	J. F. Murphy
Group Art Unit	:	1646

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 15, 2004
(Date)

Thomas R. Arno, Reg. No. 40,490

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

(X) An Information Disclosure Statement.

(X) A PTO Form 1449 with seven (7) references.

(X) Four Office Actions from related cases.

(X) A check in the amount of $180 to cover the above fee is enclosed.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

(X) Return prepaid postcard.

Thomas R. Arno
Registration No. 40,490
Attorney of Record
Customer No. 20,995
(619) 235-8550

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INFORMATION DISCLOSURE STATEMENT

Applicant	:	Maher et al.
App. No.	:	09/804,480
Filed	:	March 12, 2001
For	:	ION CHANNEL ASSAY METHODS
Examiner	:	J. F. Murphy
Group Art Unit	:	1646

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seven references that are also enclosed. Also enclosed are copies of Office Action from related Applications No. 09/804,458, Application No. 09/804,580 and Application No. 09/804,457.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c)(2) before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4/15/04

By: _____
Thomas R. Arno
Registration No. 40,490
Attorney of Record
Customer No. 20,995
(619) 235-8550

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. AUROBIO.026DV1	APPLICATION NO. 09/804,480
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Maher et al.	
	FILING DATE March 12, 2001	GROUP 1646

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,801,543	1/31/1989	Arnold et al.			
	2	5,194,133	3/16/1993	Clark et al.			
	3	5,643,742	7/1/1997	Malin et al.			
	4	6,376,233	4/23/2002	Wolf et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	5	Jacobs et al., "Control of Action Potential-Induced $Ca^{2=}$ Signaling in the Soma of Hippocampal Neurons by Ca^{2+} Release from Intracellular Stores", (1997) Journal of Neuroscience 17(11):4129-4135.
	6	Reiner et al., "Use of a Membrane Potential –Sensitive Probe to Assess Biological Expression of the Cystic Fibrosis Transmembrane Conductance Regulator" (1995) Human Gene Therapy 6:1275-1283.
	7	Sinha et al., "Simultaneous Optical Recording of Evoked and Spontaneous Transients of Membrane Potential and Intracellular Calium Concentration with High Spatio-Temporal Resolution" (1995) Journal of Neuroscience Methods 60:49-60

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EXAMINER	DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.